Amendments to the Claims

The claims in this listing will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1.-10. (Canceled)

11. (New) A method for treating aneurysms, comprising wrapping an aneurysm of a patient with a material that is composed of a polymer material containing carbon as a constitutional element and that is produced by modifying at least a portion of the surface thereof by particle bombardment.

12. (New) The method according to claim 11, wherein the polymer material containing carbon as a constitutional element is expanded polytetrafluoroethylene (ePTFE), polylactic acid, silicone, or silk.

13. (New) The method according to claim 11, wherein modification by ion bombardment is carried out by ion implantation using an ion beam with an acceleration energy that is between 1 keV and 2 MeV.

14. (New) The method according to claim 11, wherein modification by ion bombardment is carried out by ion implantation within a dose volume φ such that $1 \times 10^{12} \leq \varphi \leq 1 \times 10^{17}$ ions/cm^2.

15. (New) The method according to claim 12, wherein modification by ion bombardment is carried out by ion implantation using an ion beam with an acceleration energy that is between 1 keV and 2 MeV.

16. The method according to claim 12, wherein modification by ion bombardment is carried out by ion implantation within a dose volume φ such that $1 \times 10^{12} \leq \varphi \leq 1 \times 10^{17}$ ions/cm^2.

17. The method according to claim 13, wherein modification by ion bombardment is carried out by ion implantation within a dose volume φ such that $1 \times 10^{12} \leq \varphi \leq 1 \times 10^{17}$ ions/cm^2.

18. The method according to claim 15, wherein modification by ion bombardment is carried out by ion implantation within a dose volume φ such that $1 \times 10^{12} \leq \varphi \leq 1 \times 10^{17}$ ions/cm^2.